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File: USPT

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TITLE: Materials for the production of nanometer structures and use thereof

DATE-ISSUED: January 26, 1999

INVENTOR-INFORMATION:

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ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
NanoFrames, LLC	Brookline	MA			02

APPL-NO: 08/ 542003 [PALM]

DATE FILED: October 12, 1995

PARENT-CASE:

This application is a continuation-in-part of copending application Ser. No. 08/322,760 filed Oct. 13, 1994, which is incorporated by reference herein in its entirety.

INT-CL: [06] C07 K 14/00, C12 P 21/06

US-CL-ISSUED: 530/350; 530/300, 530/324, 435/69.1, 435/69.7

US-CL-CURRENT: 530/350; 435/69.1, 435/69.7, 530/300, 530/324

FIELD-OF-SEARCH: 530/350, 530/300, 530/324, 435/69.1, 435/69.7

PRIOR-ART-DISCLOSED:

OTHER PUBLICATIONS

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Henning et al., 1994, "Receptor recognition by T-even-type coliphages", in Molecular Biology of Bacteriophage T4, Karam (ed.), American Society of Microbiology, Washington, D.C. pp. 291-298.

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Wood et al., 1994, "Long tail fibers: Genes, proteins, structure and assembly", in Molecular Biology of Bacteriophage T4, Karam (ed.), American Society of Microbiology, Washington, D.C. pp. 282-290.

ART-UNIT: 162

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ABSTRACT:

The present invention pertains to nanostructures, i.e., nanometer sized structures useful in the construction of microscopic and macroscopic structures. In particular, the present invention pertains to nanostructures based on bacteriophage T4 tail fiber proteins and variants thereof.

22 Claims, 33 Drawing figures